Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Match the term and definition**

1. \_\_\_\_\_\_ When an entire species dies out.
2. \_\_\_\_\_\_ Any trait that helps an organism survive and reproduce in its environment.
3. \_\_\_\_\_\_ The ability to survive and reproduce.
4. \_\_\_\_\_\_ Preserved remains or traces of organisms.
5. \_\_\_\_\_\_Gradual change in a species over time.
6. \_\_\_\_\_\_Organisms that are closely related and can mate.
7. \_\_\_\_\_\_ A group of the same species living in the same place at the same time.
8. \_\_\_\_\_\_ A timeline of life on Earth using fossils.
9. \_\_\_\_\_\_ Difference in genes and traits that can lead to adaptations.
10. \_\_\_\_\_\_ The process where individuals with better adaptations are more likely to survive and reproduce.
11. \_\_\_\_\_\_
12. **Fitness**
13. **Species**
14. **Extinction**
15. **Adaptation**
16. **Fossil**
17. **Population**
18. **Fossil record**
19. **Evolution**
20. **Variation**
21. **Natural selection**

**Short Answer:**

1. Where does variation in a species come from?
2. Can an organism evolve in its own lifetime? Why or why not?
3. Give *two* adaptations of a giraffe and explain why each is an adaptation.

1)

2)